

Geographic Spread



South Carolina reported **widespread activity** this week. This is the **third consecutive** week at widespread activity.

Influenza Activity



Overall, there was a **decrease** in influenza activity this week.

Regional Influenza Activity



Decrease



No change



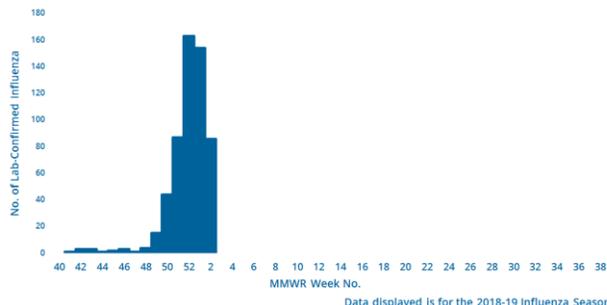
Decrease



Decrease

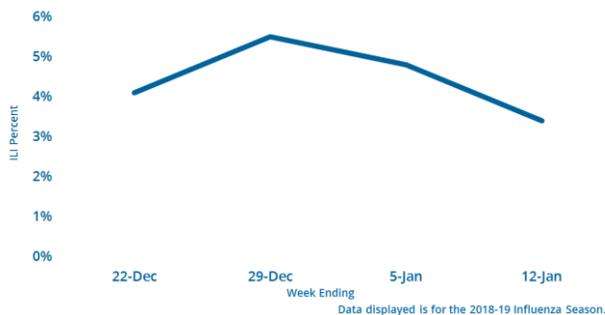
Virologic Surveillance

This week there were **86** lab-confirmed tests reported. Influenza A was most frequently reported. In the current flu season, there has been **570** lab-confirmed tests reported.



Influenza-Like Illness Surveillance

The percent of patient visits to sentinel providers for an influenza-like illness (ILI) was **3.43%**, which is **below** South Carolina's baseline (**3.53%**). The ILI activity level overall was **moderate**.



Influenza-Associated Hospitalizations

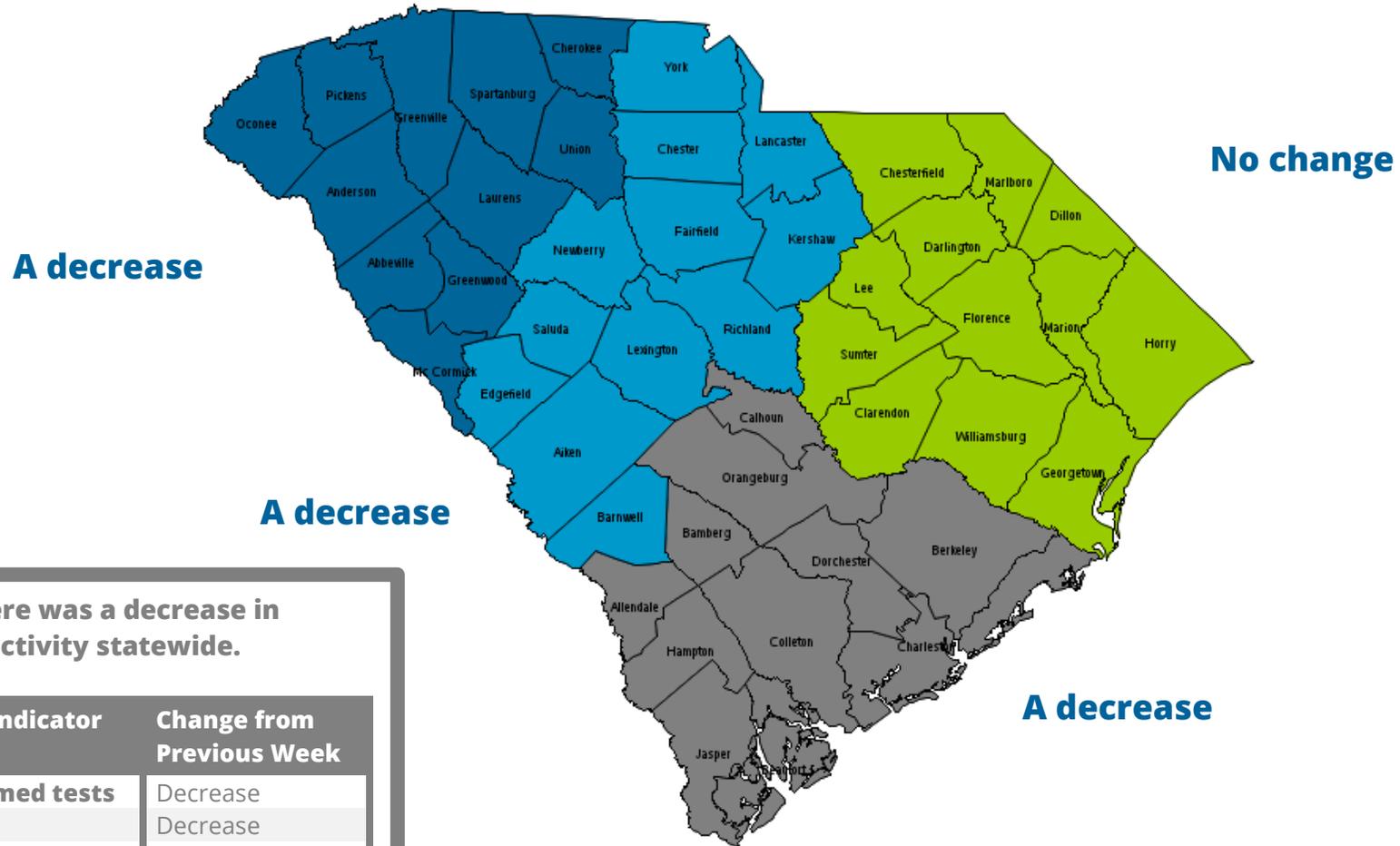
This week **67** influenza-associated hospitalizations were reported by **54** hospitals. The cumulative hospitalization rate is **10.8 per 100,000**. In the current flu season, there have been **542** influenza-associated hospitalizations.

Influenza-Associated Deaths

This week **5** influenza-associated deaths were reported; however, **3** deaths occurred during previous weeks. The cumulative mortality rate is **0.4 per 100,000**. In the current flu season, there have been **19** influenza-associated deaths.

Influenza Activity*

In the 4 Public Health Regions, activity showed...



Overall there was a decrease in influenza activity statewide.

Influenza Indicator	Change from Previous Week
Lab-confirmed tests	Decrease
ILI Percent	Decrease
Hospitalizations	Decrease

*Indicators for assessing influenza activity include: lab-confirmed tests, ILI percent, and hospitalizations.

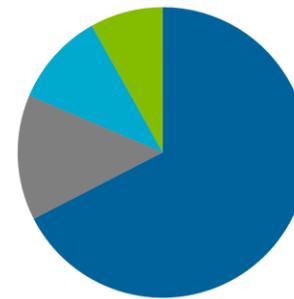
Virologic Surveillance

Influenza Type	Season Totals To Date				
	This Week	2018-19	2017-18	2016-17	5 season average
Overall	86	570	847	246	394
Influenza A	79 (91.9)	530(93.0)	700(82.6)	178(72.4)	346(87.9)
A(H3)	9 (11.4)	54(10.2)	200(28.6)	80(44.9)	102(29.4)
A(H1N1)	12 (15.2)	104(19.6)	39(5.6)	11(6.2)	78(22.6)
A(NS)*	58 (73.4)	372(70.2)	461(65.9)	87(48.9)	166(48)
Influenza B	7 (8.1)	40(7.0)	147(17.4)	68(27.6)	48(12.1)
B (Victoria)	--	--	--	--	0
B (Yamagata)	--	--	17(11.6)	--	4(7.1)
B (LND)*	7 (100)	40(100)	130(88.4)	68(100)	44(92.9)

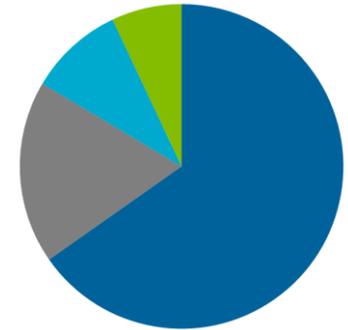
*NS - not subtyped *LND - lineage not determined

Nationally, the influenza season begins with MMWR week 40 and ends with MMWR week 39. The 2018-19 influenza season began on September 30, 2018 and will end on September 28, 2019.

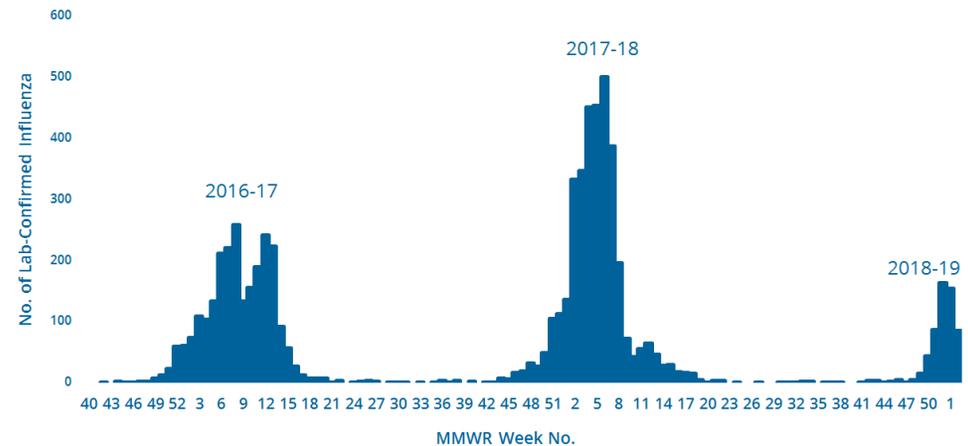
Week ending 1/12



Cumulative



■ A not subtyped ■ A(H1N1) ■ A (H3) ■ B (lineage not determined) ■ B (YAM) ■ B (VIC)



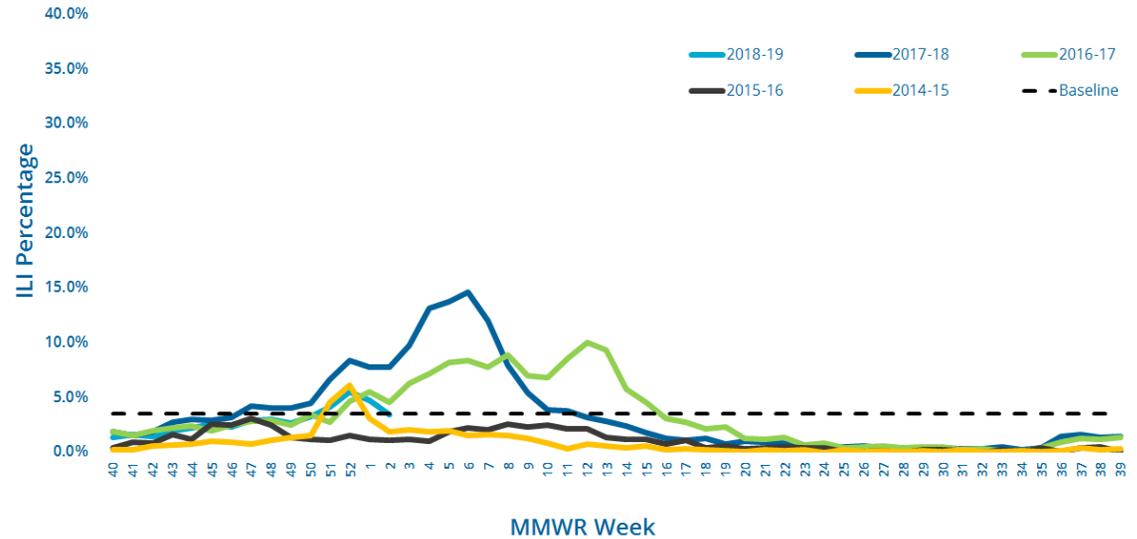
Influenza-Like Illness Surveillance

This week, the ILI activity level was **moderate** and **3.43%** of patient visits to SC ILINet providers was attributed to an influenza-like illness. This is **below** the state baseline, **3.53%**.

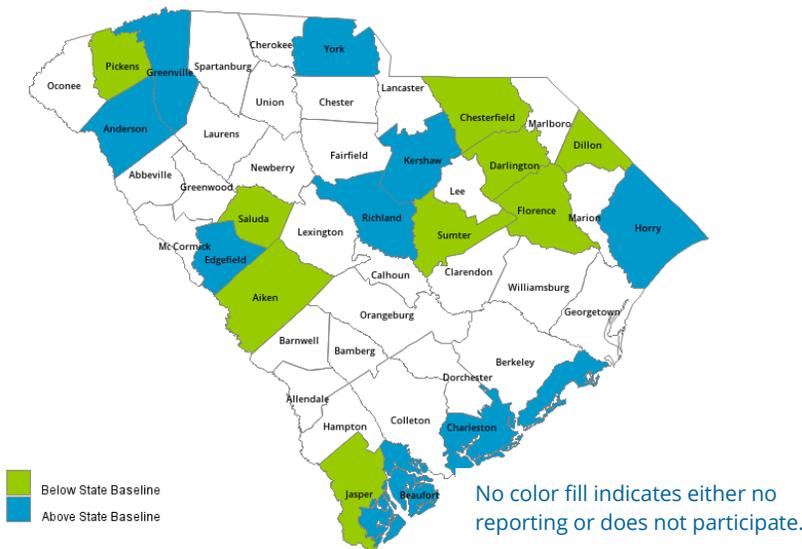
Reports were received from providers in 18 counties, representing all DHEC Public Health regions.

ILI percentage is dependent upon the number of reporting providers and/or can vary by disease activity or the number of providers submitting reports.

Percentage of Influenza-like Illness (ILI) Visits Reported by Sentinel Providers for Past and Current Seasons



County ILI Percent



State ILI Activity Level 2018-19 Calendar by Week of the Year

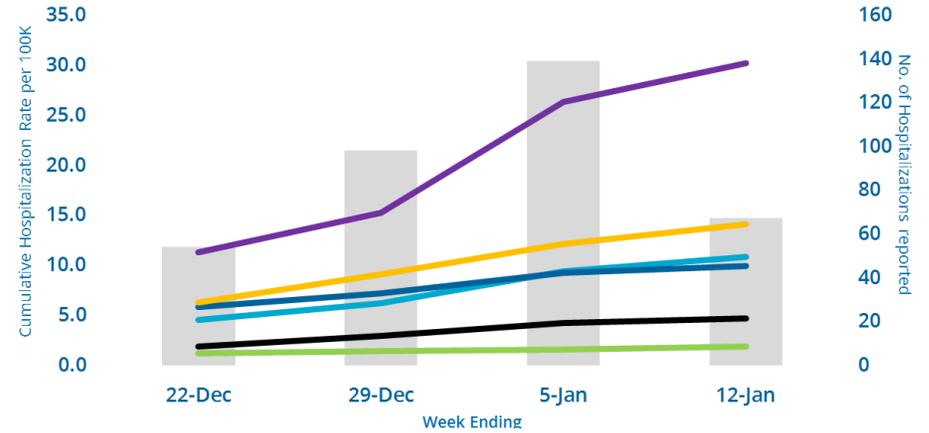
OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
40	44	48	1	5	9	14	18	22	27	31	36
41	45	49	2	6	10	15	19	23	28	32	37
42	46	50	3	7	11	16	20	24	29	33	38
43	47	51	4	8	12	17	21	25	30	34	39
		52			13			26		35	

ILI ACTIVITY LEVELS: **MINIMAL** **LOW** **MODERATE** **HIGH**

Influenza-Associated Hospitalizations And Deaths

Hospitalizations No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	67(1.3)	2(0.7)	2(0.3)	9(0.4)	20(2.0)	34(3.9)
2018-19	542(10.8)	29(9.9)	15(1.9)	96(4.7)	141(14.1)	261(30.2)
2017-18	1293(25.7)	46(15.7)	42(5.2)	165(8.0)	264(26.5)	776(89.8)
2016-17	349(7.0)	17(5.8)	18(2.2)	57(2.8)	93(9.4)	164(19.8)
5 season average	893(18.3)	55(19.1)	38(4.7)	150(7.4)	200(20.6)	450(56.5)

Deaths No. (Rate)	Overall	Ages 0-4	Ages 5-17	Ages 18-49	Ages 50-64	Ages 65+
This Week	2(0.0)	--	--	--	--	2(0.2)
2018-19	19(0.4)	1(0.3)	--	1(0.0)	7(0.7)	10(1.2)
2017-18	45(0.9)	--	--	1(0.0)	9(0.9)	35(4.0)
2016-17	8(0.2)	--	--	1(0.0)	1(0.1)	6(0.7)
5 season average	31(0.6)	0	0	3(0.1)	5(0.6)	23(2.8)



— Overall — Age 0-4 — Age 5-17 — Age 18-49 — Age 50-64 — Age 65 and older

Influenza-Associated Deaths by Region

